

Amendments to the Drawings:

The attached 11 sheets of formal drawings replace Figs. 1 – 7, which are all of the drawings in this application. In Fig. 1b, the table has been corrected to align the columns and column headings correctly. Other than replacing the informal drawings with the attached formal drawings, no other changes have been made to the figures other than Fig. 1b.

Attachment: 11 sheets of Replacement Drawings



Appln. No. 10/727,387
Amendment and Response
Replacement Sheet 1

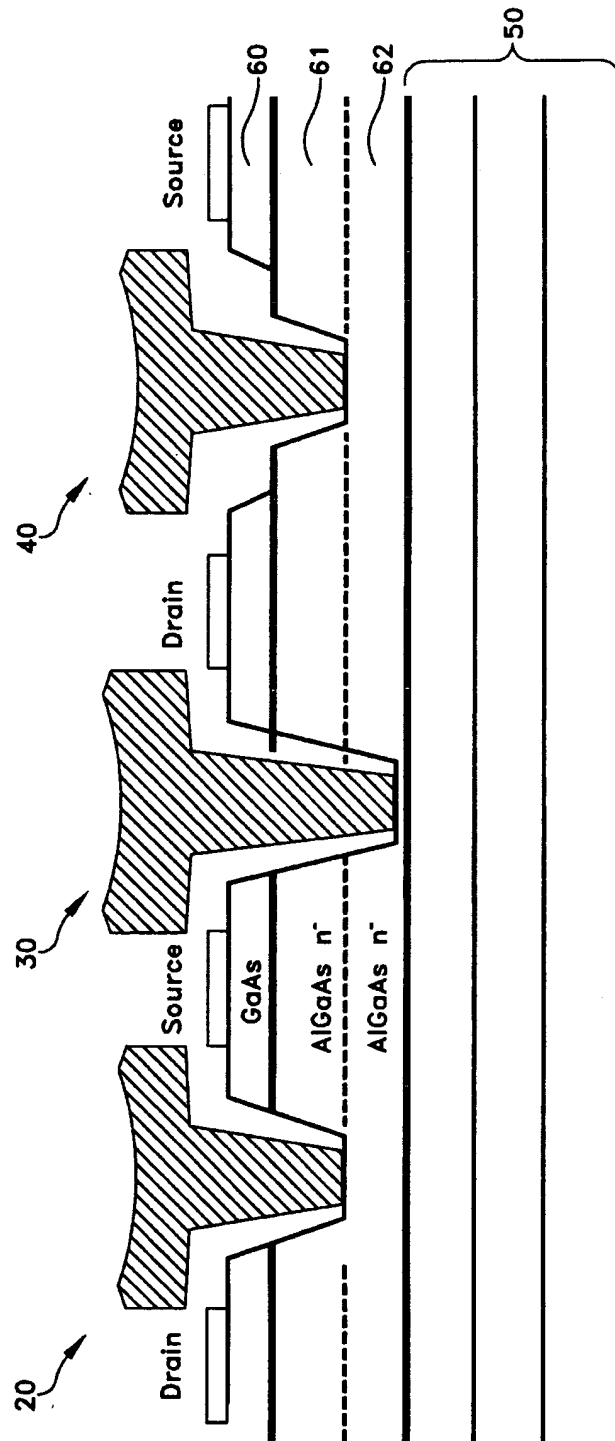


FIG. 1

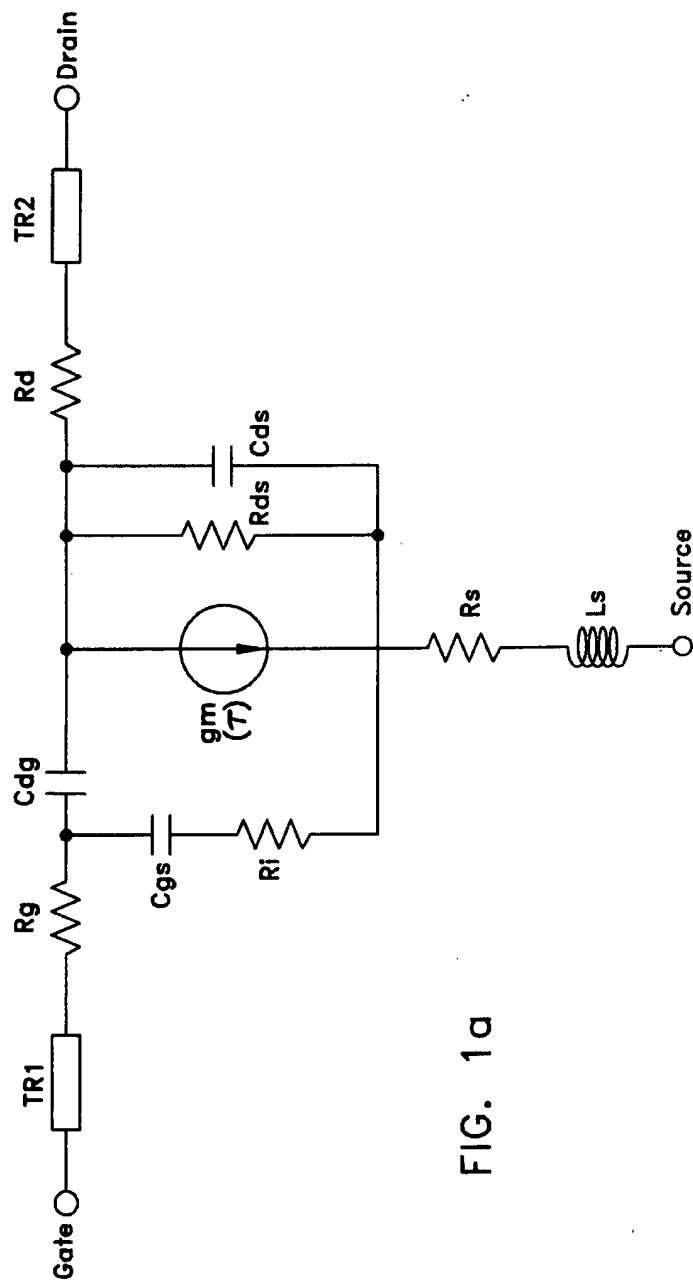


FIG. 1a

	VP (v)	BVgd (v)	IdS (mA/mm)	Gmax (mS/mm)	Imax (mA/mm)
Power	-1.0 ±0.050	>12	450	>350	>500
D-mode	-1.0 ±0.050	>6	450	>450	>500
E-mode	+0.1 ±0.050	>6	160	>500	>400

	Ft (GHz)	Fmax (GHz)	NF (dB)	Rds (ohm-mm)	Gm (mS/mm)
Power	>30	>100	N/A	>28	>300
D-mode	>50	>100	<0.8	>28	>400
E-mode	>50	>100	<0.8	>28	>450

FIG. 1b

BEST AVAILABLE COPY

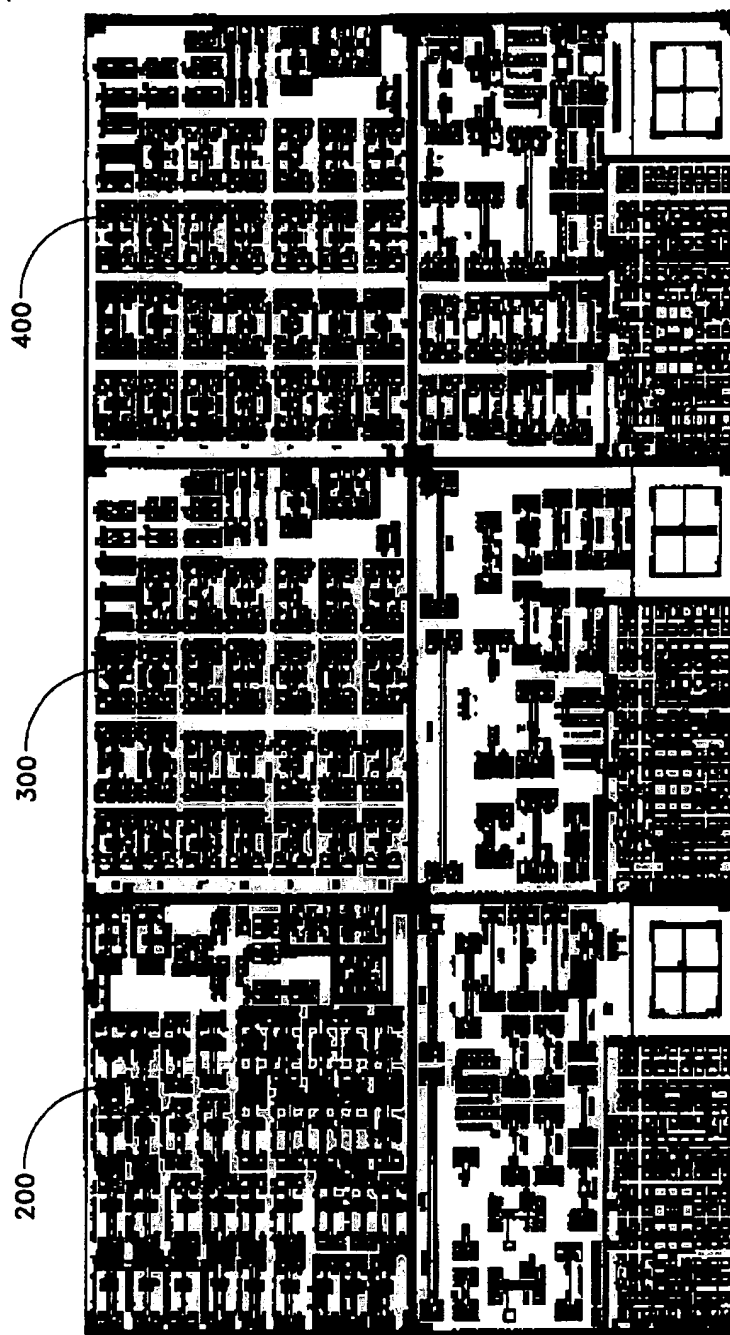


FIG. 2

BEST AVAILABLE COPY

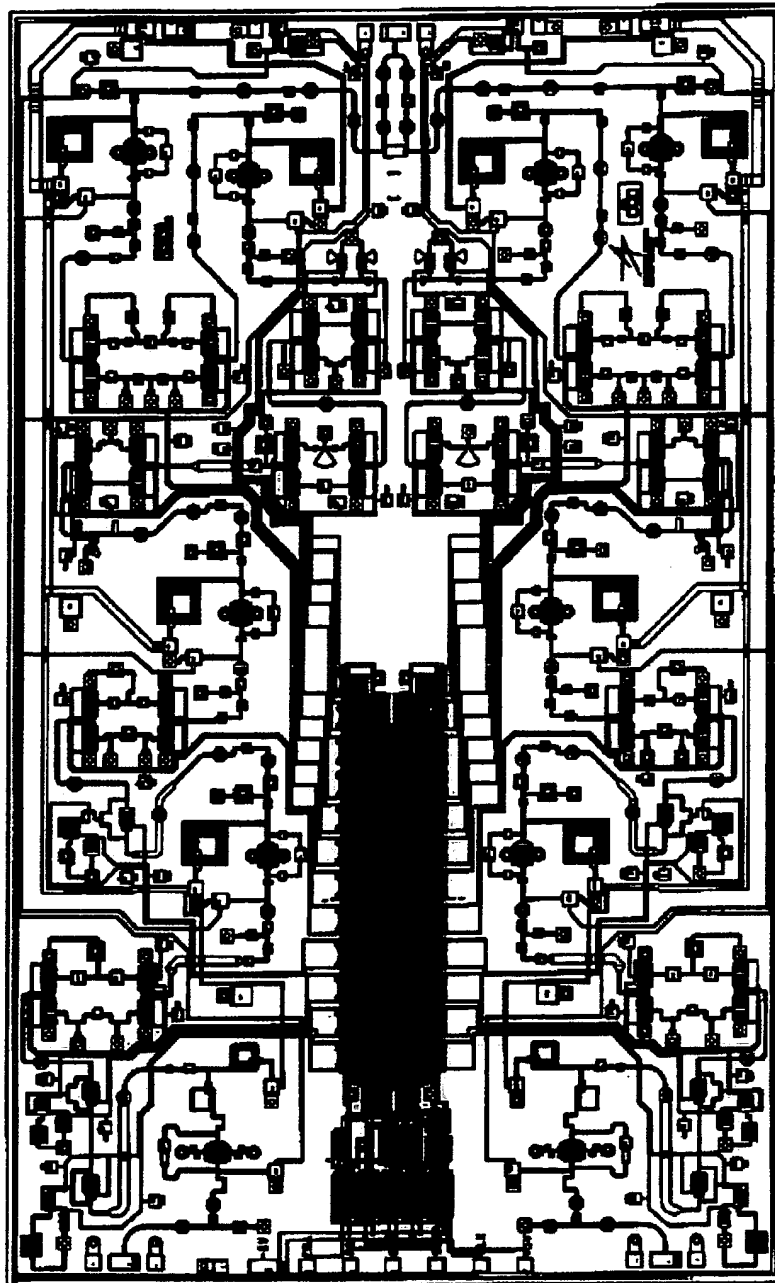


FIG. 2a

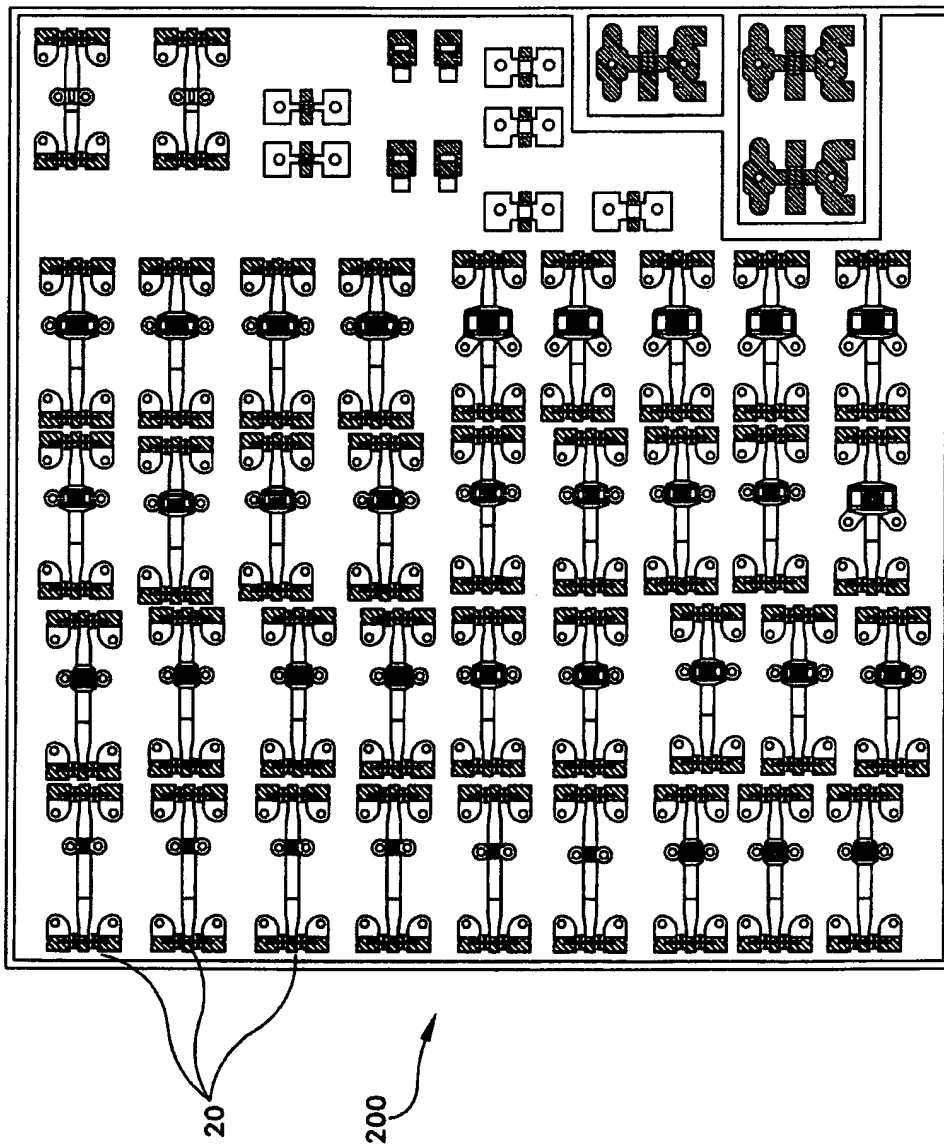


FIG. 3

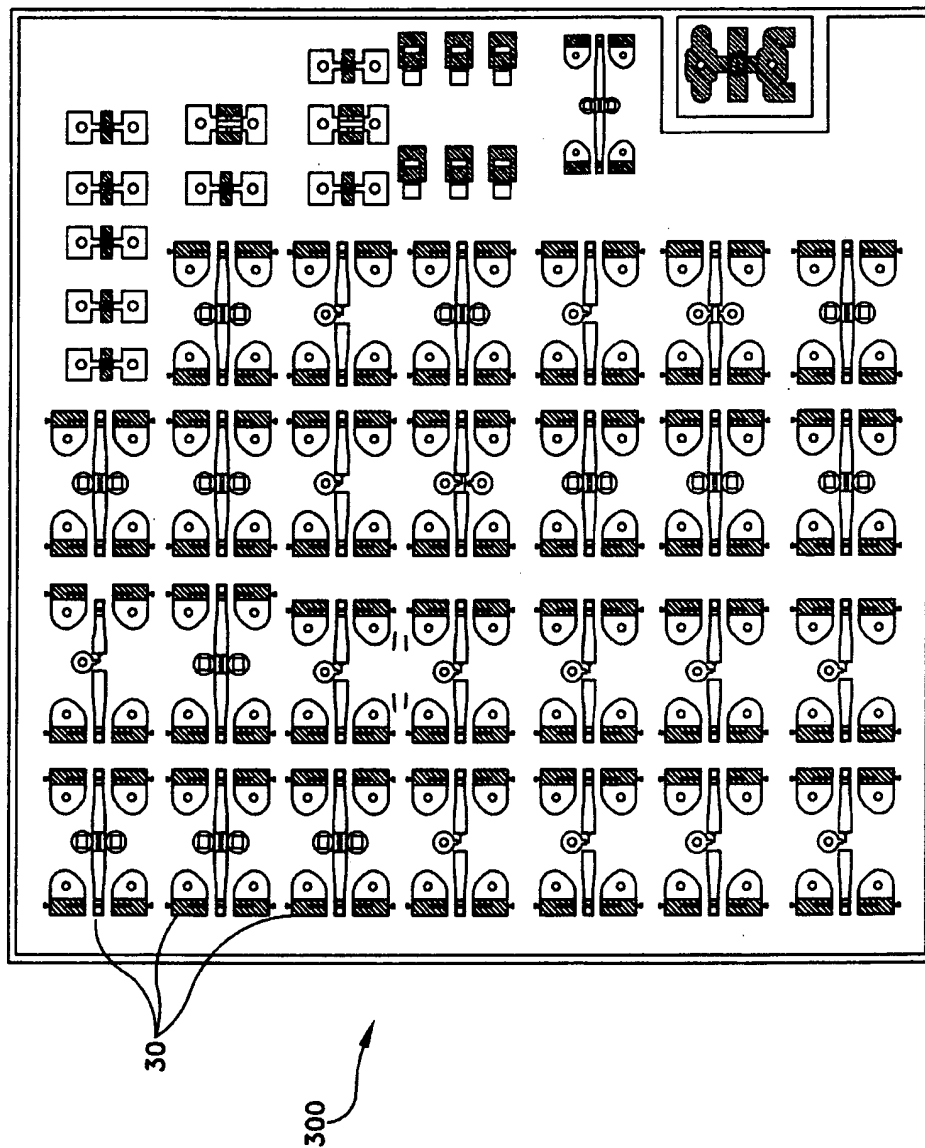


FIG. 4

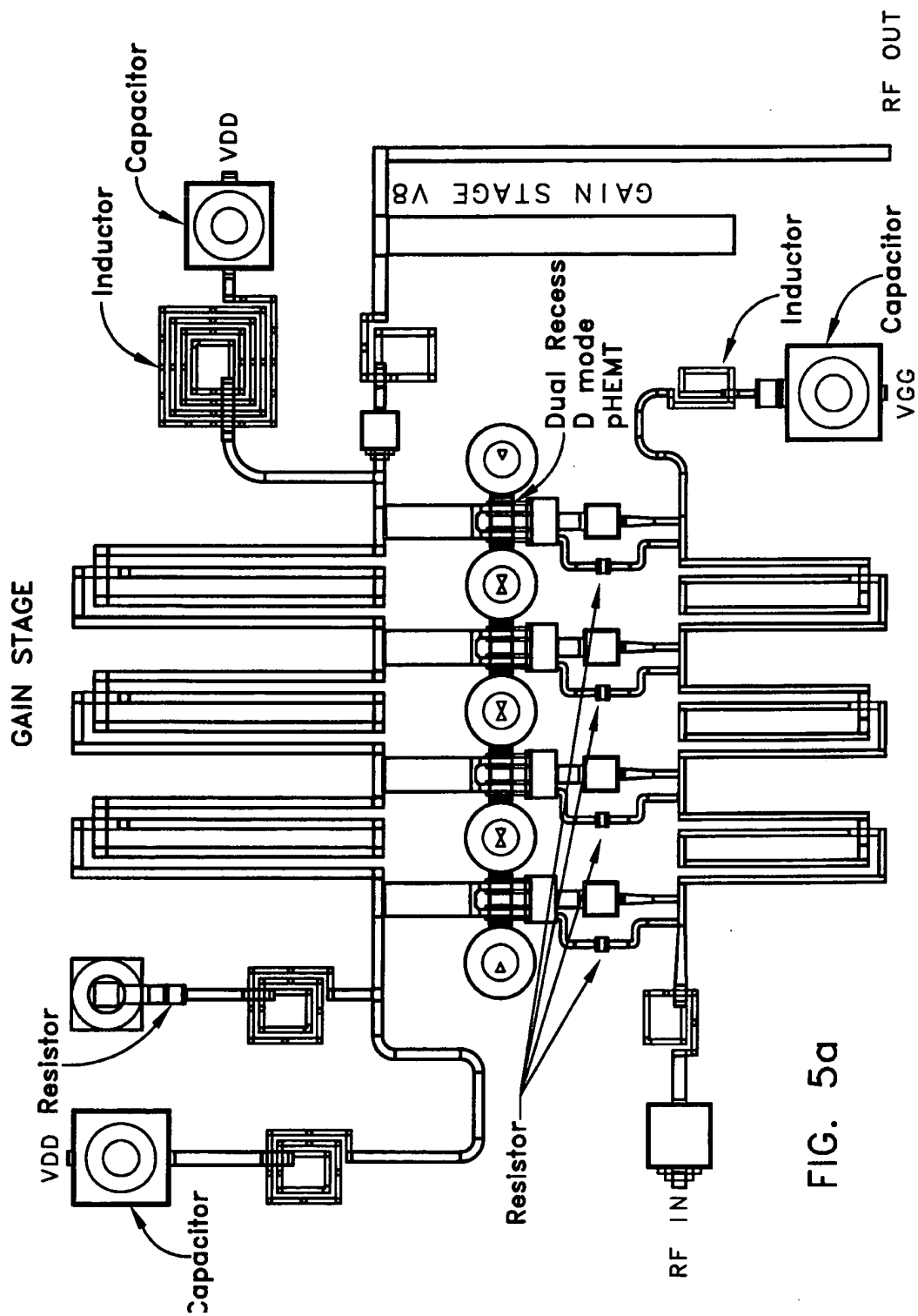


FIG. 5a

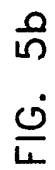


FIG. 5b

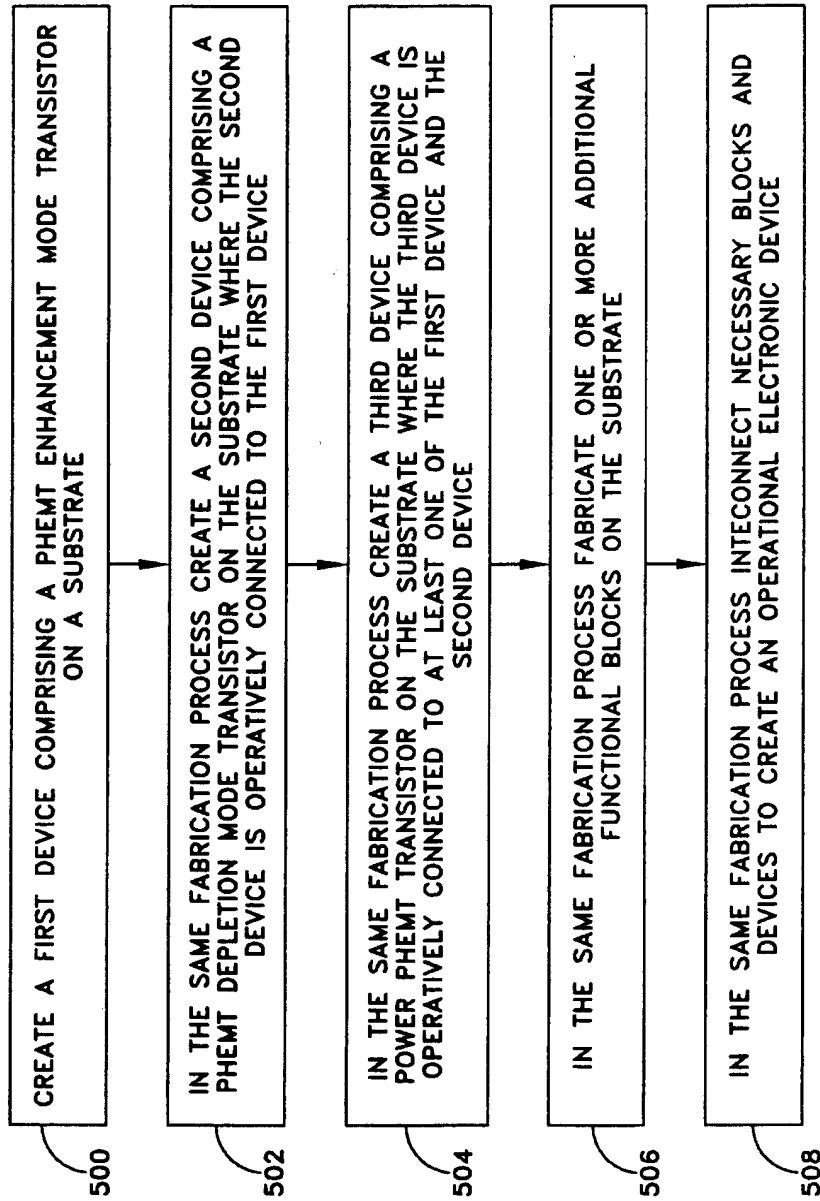


FIG. 6

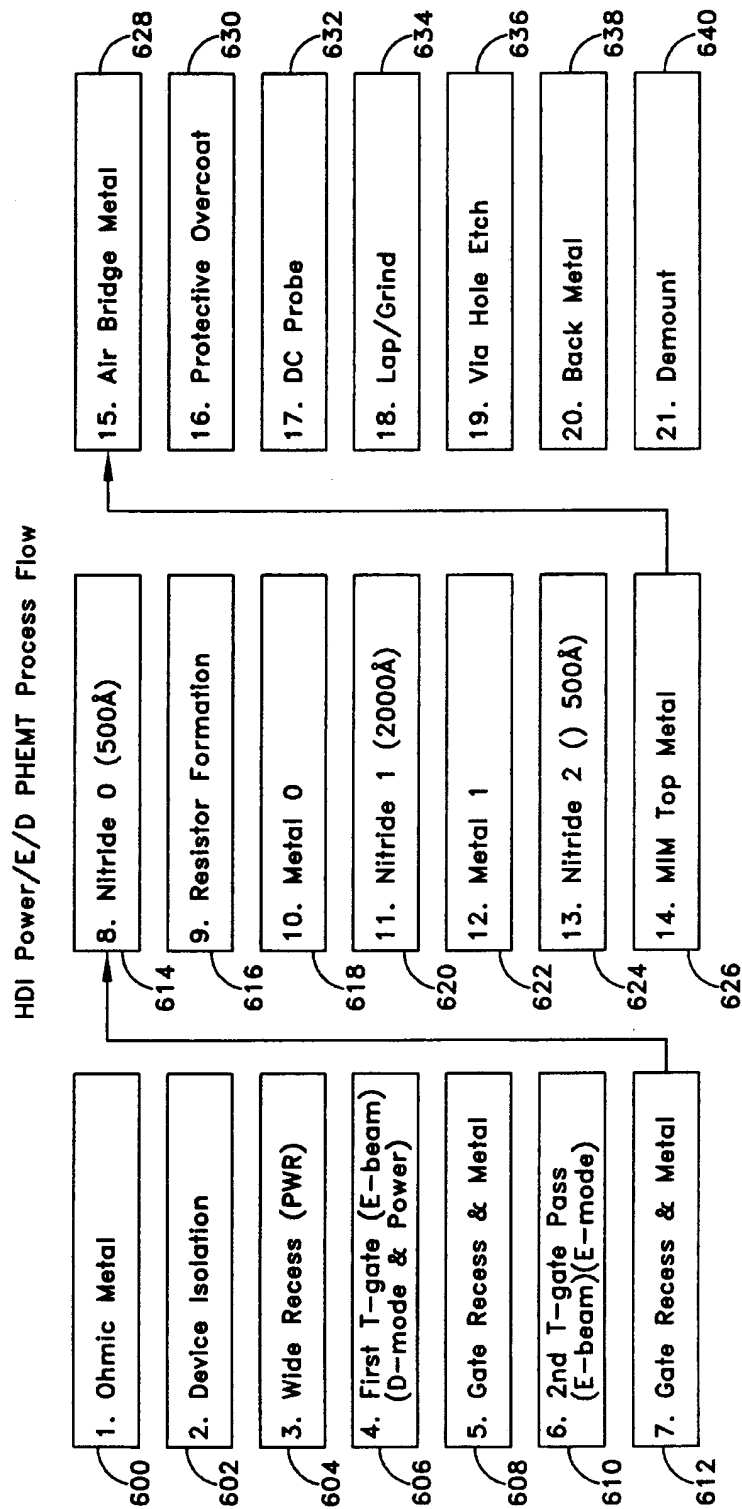


FIG. 7